

ABSTRACT OF THE DISCLOSURE

5 A binocular viewing system provides images from
electronic display elements to the left and right eyes of
a user transmitted via right eye and left eye display
assemblies connected by a nose bridging element. The
binocular viewing system includes an interpupillary
distance adjustment mechanism to accommodate multiple
users. Accommodation for vision correction and a focus
10 mechanism may also be provided. Also, the binocular
viewing system provides a virtual image at a distance less
than infinity, in an arrangement that also accommodates a
range of interpupillary distances. In other aspects, the
binocular viewing system incorporates face curvature to
15 more comfortably fit a user's head, and places the
electronic display elements close to the user's eye,
either in the line of sight, or within the nose bridging
element.

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